

Applicants : Zhongyi Li, et al.
Serial No. : 10/577,564
Filed : April 27, 2006
Page 2 of 19: Amendment in Response to July 23, 2009 Office Action

Amendment to the Specification

Please amend paragraph 89 as follows:

Several DNA sequences are known for amylopectin synthesis genes in rice, any of which can be the basis for designing transgenes for inactivation of the genes in rice. These include rice cDNAs SBEIIa (GenBank accession number E14723, Japanese patent application No. JP1998004970), SBEIIb (D16201, Mizuno et al., 1993) and SBEI (D11082, Mizuno et al 1992; D10752, Nakamura and Yamanouchi, 1992). The SBEI gene of rice is described in Rahman et al., (1997) and Rahman et al., (1999), or Accession No. D10838, Kawasaki et al., 1993). Further gene sequences may be obtained from the following websites: <http://www.ncbi.nlm.nih.gov/>; <http://www.tigr.org>; <http://www.gramene.org/about/index.html>.

Please amend paragraph 168 as follows:

A rice genomic DNA sequence database (OSA1.seq) was downloaded from the TIGR website (<http://www.tigr.org/tdb/e2k1/osa1/>) in FASTA format. The database was formatted and made available for BLAST using "formatdb" and for EMBOSS function seqret using "dbifasta". Query sequences were created in a FASTA format and used to search for homologous sequences in the rice genome by running a BLAST based Gene Silencing program (P. Waterhouse et al, CSIRO Plant Industry, personal communication) with a set of preset parameters (Options for compare: word 19 and stringency 18).